PRNC-APWO 11345/2 (10-64) REPORT FORMAT RCS
ENG FORM 3706 (OT) (To be reproduced as required) ENGMC-D(OT)537
1 NOV 63

WATER AND SEWERAGE FACILITIES SURVEY

Sample Survey No. 11111 Date prepared 16 NOV. 1965
(As shown on List of Buildings)

SECTION A. - FACILITY IDENTIFICATION
(Use latest NFSS or Updating Survey Data)

1. Name of facility WASHINGTON BUILDING
2. Address 1448, 1450 NEW YORK NW
3. S.L. 22110063 F.O. BC FAC. NO. 00168 USE 51
(w/Alpha part, if approp.)

SECTION B. - SHELTER SPACES IN FACILITY
(Use latest NFSS or Updating Survey Data)

1. Number of existing PF Category 2-8 shelter spaces 4530
2. Number of improvable ("Added") shelter spaces —

SECTION C. - WATER AVAILABLE IN SUPPLY SYSTEMS

(Enter for each of the systems listed below, gallons of water available in the same building as the shelter. These quantities are to exclude any water presently stored in CD drums as part of the fallout shelter stocks.)

1. Normal Supplies (Including Plumbing System, Only):

Source	Col.(1) Potable	Col.(2) Non-Potable
a. Piping (hot and cold water supply)	* 260	
b. Storage Tanks		
c. Hot Water Tanks	430	
d. Toilet and Urinal Tanks		
e. Indoor Pools and Fountains		
f. Other - chilled water drinking system	185	
g. TOTAL (Gallons)	875	0

SECTION C (Con't)

2. Heating and Air Conditioning Systems:

Source	Col.(1) Potable	Col.(2) Non-Potable
a. Heating System*		
(1) Piping and Radiators		
(2) Boilers and Tanks		4075
(3) Other		
b. Air Conditioning System*		
(1) Piping and Coils		
(2) Tanks and Cooling Equipment		720
(3) Other		
c. TOTAL (Gallons)	0	4795

*If totals are readily available, individual breakdowns within a and b are not required.

3. Fire Protection System:

a. Piping		330
b. Storage		
c. TOTAL (Gallons)	0	330

4. TOTAL (C1, C2, and C3, above) Gallons	875	5125
5. Wells, if available, rated gal/min:	0	0

Remarks: (Source of data; type of contaminant, if readily available; brief description of well or spring including pump, power, and estimated reliability other pertinent items).

SECTION D - COST ESTIMATES

(Enter cost estimates for making available to shelterees the total quantities of potable and non-potable water shown in Columns (1) and (2) of Section C. Estimates are for planning purposes, only, and will be based upon the best on-site information readily available. Include under "Remarks" a brief description of modifications and major features contributing to the costs. If desired, a simple sketch may be attached)

1. Potable Water:

Source	Cost in Dollars
a. Normal Supplies:	$ 100

Remarks: (1) 2" CHECK VALVE IN CITY WATER MAIN CONNECTION

b. Heating and Air Conditioning Systems: $_____

Remarks: _____

c. Fire Protection System: $_____

Remarks: _____

d. TOTAL (a + b + c, above): $ 100

e. Wells (enter cost to make available the capacity shown in Section C5. An auxiliary power source must be included if normal power is obtained from external sources. The requirement for emergency power for water supply is a departure from the "power on" assumption used during the NFSS.) $ 0

Remarks: _____

SECTION D (Con't)

2. Non-Potable Water:
(Enter costs to make available the quantities of non-potable water shown in Section C. Treatment to make water potable will not be considered).

Source	Cost in Dollars
a. Normal Supplies:	$

Remarks:

b. Heating and Air Conditioning Systems: $

Remarks:

c. Fire Protection System: $

Remarks:

d. TOTAL (a + b + c, above): $ 0

e. Wells (enter cost to make available the capacity shown in Section C5. An auxiliary power source must be included if normal power is obtained from external sources. The requirement for emergency power for water supply is a departure from the "power on" assumption used during the NFSS.) $ 0

Remarks:

SECTION E - SEWERAGE SYSTEMS

(Section E will be completed only when quantities are shown in the "Totable" column in Section C)

1. Estimated sewage quantity: 4530 Gal/day

(Use 1 gal/day/space for the number of shelter spaces shown in Item B-1. Note: This figure is assumed for the purposes of this survey only, and includes an allowance for flushing).

2. Estimated capacity of sewer main(s) from building: 1,944,000 Gal/day

(Include existing sanitary, storm and/or other sewer mains which operate by gravity flow, only. Do not include flow from a sewage lift station in building unless stand-by power is available for its operation).

3. Water closets available to shelters: 117 Units

(Include all water closets within or accessible to the shelter areas in the building without direct exposure of personnel to radiation).

4. Estimated modification costs: $ 0

(Modifications will be considered only when entry in Item 2 is less than Item 1, above; or when shelter area(s) have no access to a gravity sewer or storm drain without direct exposure of personnel to radiation. Include modifications, such as the addition of a "wye" or "tee" for access into the line. Do not include items such as major extensions to or re-routing of existing lines, or addition of pumps or power for pumping. Cost estimates are for planning purposes, only and will be based upon the best on-site information readily available. If desired, a simple sketch may be attached).

Remarks: (Include brief description of proposed modifications and statement as to remaining deficiency, if any, to meet requirement in Item 1, above).